

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY DOCKET NO. A-7200	SERIAL NO. 09/990,317
	Morgan GROVER	
	FILING November 23, 2001	GROUP 2644

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	A	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HU	A	5,742,927	04/21/1998	Crozier et al			
	B	5,768,473	06/16/1998	Eatwell et al			
	C	5,974,373	10/26/1999	Chan et al			
	D	6,032,114	02/29/2000	Chan			
HU	E	6,038,532	03/14/2000	Kane et al			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	A	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

HU		"Speech Enhancement Using a Minimum Mean-Square Error Short-Time Spectral Amplitude Estimator", Yariv Ephraim and David Malah, TRANSACTIONS ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, Vol. ASSP-32, No. 6, December 1984, pp. 1109-1121
HU		"Tracking Speech-Presence Uncertainty to Improve Speech Enhancement in Non-Stationary Noise Environments", David Malah, Richard V. Cox, and Anthony J. Accardi, ICASSP 1999

EXAMINER <i>Huyen X. Vo</i>	DATE CONSIDERED <i>6/7/05</i>
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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ATTY DOCKET NO.
A-7200

SERIAL NO.
09/990,317

Morgan GROVER

FILING
November 23, 2001

GROUP
2644

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

HU			"Estimation of Noise Spectrum and its Application to SNR-Estimation and Speech Enhancement", H. Gunter Hirsch; Technical Report TR-93-012, International Computer Science Institute, Berkeley, California, pp. 1-32

EXAMINER

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INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

A-7200

Application Number

Applicant(s)

Morgan GROVER

Filing Date

November 23, 2001

Group Art Unit

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HV	A	4,811,404	03/07/1989	Vilmur et al			
	B	5,491,771	02/13/1996	Gupta et al			
	C	5,544,250	08/06/1996	Urbanski			
	D	5,768,473	06/16/1998	Eatwell et al			
	E	5,819,217	10/06/1998	Raman			
	F	5,826,222	10/20/1998	Griffin			
	G	5,907,822	05/25/1999	Prieto, Jr.			
	H	5,966,689	10/12/1999	McCree			
	I	6,098,038	08/01/2000	Hermansky et al			
HV	J	6,108,610	08/22/2000	Winn			

J0973 U.S. PTO
 09/09/03
 11/23/01

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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